AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims

Claims 1-4 (canceled)

5. (previously presented) A method for manufacturing a resonator filter by forming a plurality of resonators to minimize the current flowing in order to reduce an intermouldation distortion by controlling a size of a plurality of the resonators, which makes characteristic impedance of an equivalent circuit of the resonator filter have a value in a range which is larger than about 65 Ω and smaller than or equal to about 79 Ω.

6. (previously presented) The method according to claim 5, wherein inductance of the equivalent circuit is determined according to the characteristic impedance as follows:

$$L = 4/\pi Y_0 \omega_0$$

wherein ω_0 represents a resonant frequency of the resonator filter and Y_0 is admittance of transmission line.

7. (previously presented) The method according to claim 5 wherein the resonator filter reduces the intermodulation distortion of the resonator filter by increasing coupling between the resonators in order to gain small ripple.

8. (original) A resonator filter manufactured by the method of claim 5.

Claims 9-11 (canceled)